User Guide

POWERED BY: tbox apps

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CHAPTER ONE

OVERVIEW OF FEATURES

Voice Output

The user is able to speak out any message input into the message window or from the My Phrases pages or My History list. The user is able to choose from a range of Loquendo ™ voices.

Access Methods

There are three available access methods for using Predictable. These are direct access, where the user types using the on screen keyboard (choice of QWERTY, ABC, high frequency layouts); “Touch Anywhere”, where the user makes use of the scanning function and makes their selection by touching anywhere on the screen to select the section highlighted on the scan. The third method is access via a switch(es). **This requires a Bluetooth switch interface** (Therapy Box Switch Box, switch interface from RJ Cooper, Zyteq or Compusult). The user’s switch(es) are plugged into this box. This requires syncing the Switch Box to your iPad, iPhone, iPod Touch. Using a switch the user then enters their preferences for scan pattern to best suit their needs. If using two switches, the user can select “User Scan” mode to allow for a scan + enter method. These three modes can be used independently only; and not in conjunction. It is simple to switch between modes.

Prediction

Predictable currently features two dictionaries, a UK and US based dictionary. The prediction occurs based on letters entered and also on next word prediction. The display brings up 5 predictions on screen as well as a tab for more, which then brings up a further set of 5 predictions. The prediction engine also manages high frequency spelling errors (e.g. predicting “the” when "hte" is entered).

Customisation

Users can customise the look and feel of the display by choosing from a range of themes. These can be changed as the user likes. The user can also choose from a range of voices. These voices are from Loquendo $^{TM.}$ Users can choose from British, American and Australian voices. Users can switch between voices if they wish.

Customisation of the keyboard layout is also possible.

My Phrases

This page organises a users phrases into quick access categories. These came with some suggested categories, but can be easily edited to suit the user. Each category includes a list of words or phrases which can also be deleted, added or edited. Each item can have an image attached to it. There is a simple on screen editor which allows users or their carers to complete this quickly.

Adding A Phrase

Users can add a phrase from items typed in the message window or they can add a phrase directly into the My Phrases section.

My History

This section provides quick access to the most recently entered 25 words or phrases placed in the message window. This can be accessed to repeat something recently said, or can be used by carers, teachers or therapists to help gauge how someone is using the application.

Backing Up

It is possible to back up content of My Phrases and My History to a computer to save. These can also be returned to the application.

Sending an email

It is possible to write the content of an email and integrate it with the email program you have running on your iPad, iPhone or iPod Touch when using wifi, or your 3G network.

Sending an SMS

This is only possible if you are using the application on an iPhone while using Direct Touch access method. You are able to integrate the content of your message window into an SMS.

Updating your Facebook status

You are able to update your status on Facebook using the text prepared in your message window. Please note this is only available when using it in direct typing access.

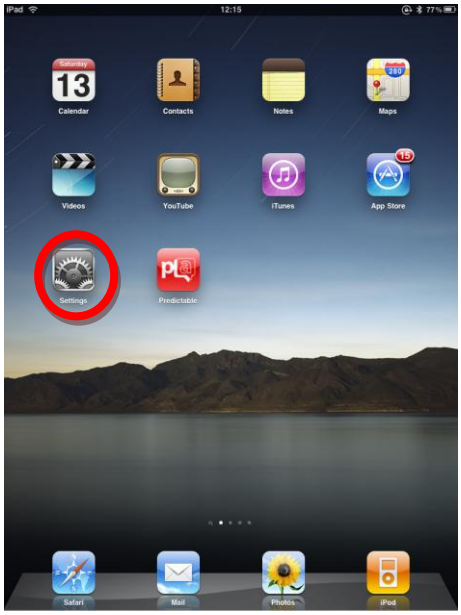
CHAPTER TWO

YOUR SETTINGS

It is important to set up Predictable to suit the user who will be using Predictable.

The Settings are available outside of Predictable. To access these Settings:

1. Go to Settings on your iPad/iPhone/iPad Touch

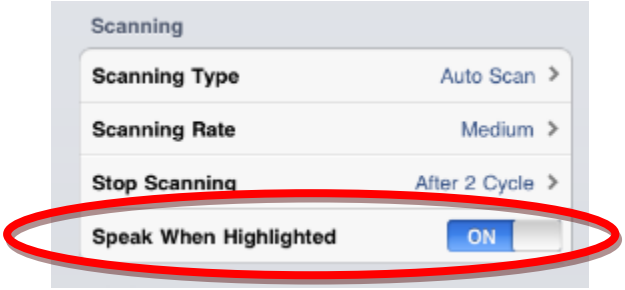


2. Scroll down to Predictable

Settings – Speak When Highlighted

You can turn this setting on/off. This is applicable for when in scanning modes. You can turn it on if you would like auditory feedback on the items being scanned. This

may be useful in the prediction section, so that you can hear the choices available. This feature can also be switched off if not needed.



Settings – Themes

You can choose a theme for the background image displayed in the application.

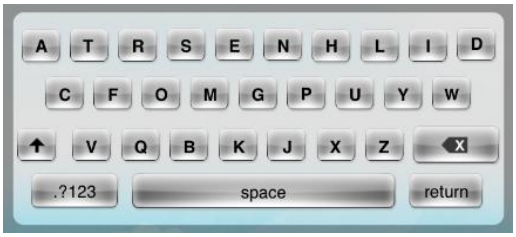
Settings – Keyboard Type.

There are three different keyboard layouts to choose from:

1. QWERTY
2. ABCD
3. High Frequency Keyboard

Typically, a QWERTY layout would be suitable for someone who is familiar with typing using a regular computer or typewriter.

The ABCD keyboard may be suitable for someone who is not familiar with typing.



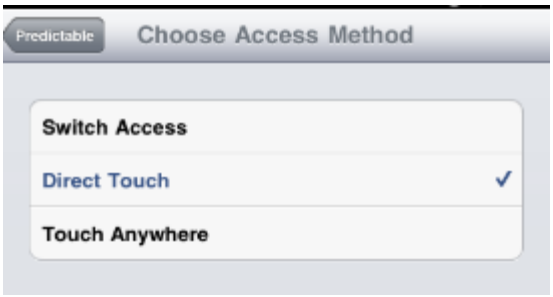
The high frequency keyboard is arranged based on the frequency with which common keys are required in English words. The high frequency keyboard is useful for some people as it may speed up their selection of keys in scanning mode.

Settings – Rotation Lock

You may wish to lock the screen so that it does not rotate when you move the iPad. You can lock the screen so that it stays in either portrait or landscape mode.

Settings – Access

Choose one of the following:



Direct Access - for using your finger or stylus to type messages on the on screen keyboard. Not for use with scanning or switches.

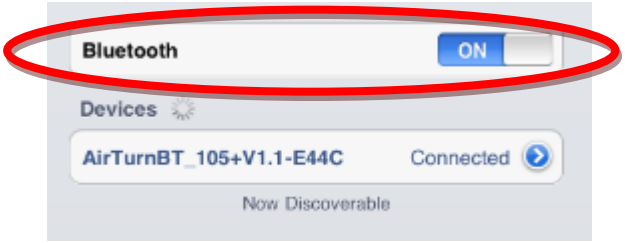
Switch Access – for use with one/two switches. Remember switches cannot be plugged in directly to an iPad/iPod/iPhone and require an intermediary. This application works with the Therapy Box Switch Box, the switch interface available from RJ Cooper, Zyteq or Compusult. You will need to pair your Switch Box with your iPad/iPod/iPhone.

Pairing your Bluetooth Switch Box with your iPad/iPod/iPhone:

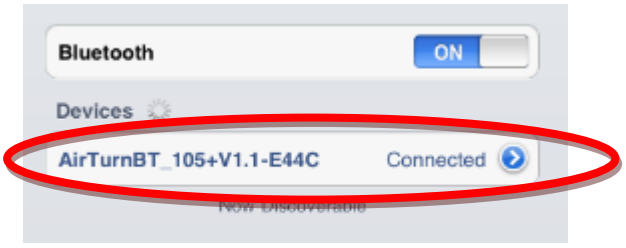
1. Go to Settings on your iPad/iPhone/iPad Touch

2. Scroll to “General”

3. Turn Bluetooth “On”



4. Plug in your switch to the switch box
5. Turn on your Switch Box by pressing the red power button and holding for 1 second.
   The LED will blink 3 times and attempt to pair with your iPad/iPod/iPhone. The LED will blink orange rapidly while it is connecting. Once connected, it will blink rapidly green and red alternately. Then release.
6. Choose your Device



7. Wait for it to find the Device and display “Connected”

If pairing is unsuccessful, delete the device displayed in the host. Reset and try pairing again. Note, initial discovery may take up to 30 seconds.

To reset pairing (e.g. to set up with a different iPad/iPhone/iPod), press and hold the red button for 8 seconds until it blinks rapidly green and red alternately. Then release.

Please download the switch user guide from www.tboxapps.com for further detailed guide on switch integration and usage.

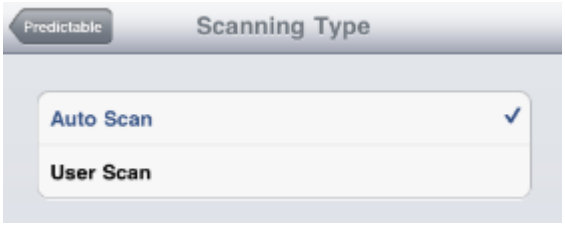
Touch Anywhere - In choosing this, the scanning mode will default to auto-scan mode.

Settings – Dictionary

Choose either the UK or US generated dictionaries. These will impact on the prediction options and also the spelling used by the prediction engine (e.g. colour vs. color).

Settings – Scanning Type

There are two scanning modes you can choose.



These are:

1. Auto Scan – This scans each section one-by-one. You can adjust the scan rate and the number of scan cycles.
2. User Scan – this is sometimes known as “tap to advance” and requires two switches to operate in this mode. In this mode, the first switch moves the scanning highlight between sections, and the second switch is used to select the required section.

Please note Auto Scan can only be used with either of 1) one switch or 2) Touch Anywhere mode. User Scan can only be used with two switches.

Settings – Scanning Rate

Choose the speed that you would like the scanning to occur. There are five settings (very fast, fast, normal, slow, and very slow).

Settings – Stop Scanning

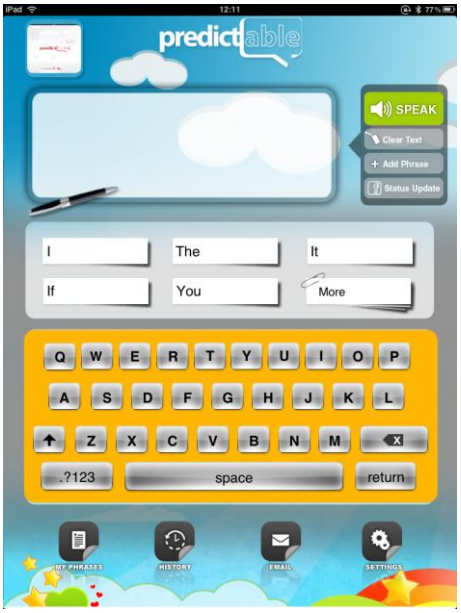
Choose the number of times you would like the scan pattern to continue. This may be useful if the user requires extra time to think /find their selection. You can choose between one to five scan cycles. You can also choose unlimited scans.

CHAPTER THREE
SCANNING

Scanning is only required if you wish to use a switch(es) or have chosen the Touch Anywhere mode. Refer to Settings information to make sure you have set up as per your requirements.
The scanning speed can be adjusted within Settings. There are five scanning rates:
Very Slow
Slow
Normal
Fast
Very Fast

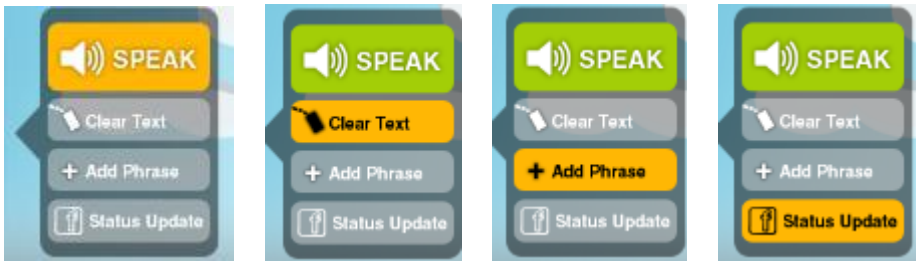
You can also adjust how many scanning cycles should take place if the switch is not activated.

The scanning works by highlighting each of the key working sections one-by-one. When the highlight is on the area you need, you need to press your switch (if using a switch) or touch the screen (if using Touch Anywhere). The scan will then highlight the items within that area, for example, the keyboard letters.



When scanning the keyboard, the scan will cover rows and then the individual columns.

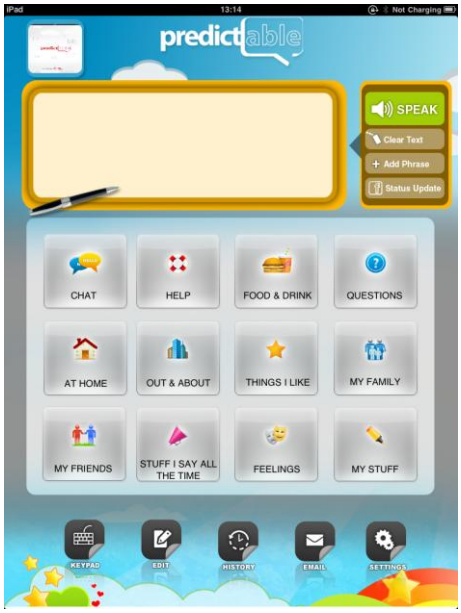
When scanning the message window, and the Speak, Clear and Save buttons, it will scan the message window first and then go through the three buttons to the right.



When scanning the prediction options, it will scan the rows and then the three items within each row. You may choose to have auditory feedback of each of the predicted items scanned. This feature is turned on/off in the Settings.

When scanning the function keys at the bottom of the screen, it will scan each item from left to right.

When scanning in My Phrases, the scanning will again highlight each of the working sections.



When scanning the My Phrases folders, it will scan each row, and then when a row is chosen, scan each folder across that row from left to right.

When scanning the My History page, it will scan each working section. When scanning the My History word list or phrase list, it will scan row by row. It is not possible to use the scanning features when adding photos. You may require someone to assist you in setting this up.

CHAPTER FOUR
SWITCH ACCESS

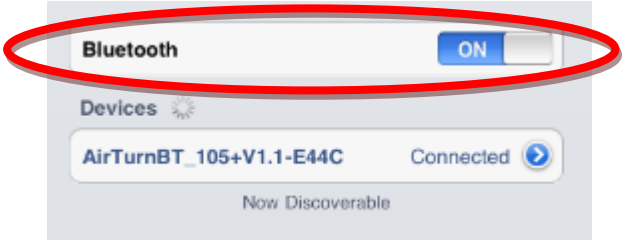
To use a switch with Predictable, a Switch Box is required. The Switch Box is a Bluetooth transceiver and needs to be paired with your iPad, iPod or iPhone. Please check www.tboxapps.com for a list of retailers which supply the switch box or an equivalent.

Pairing your Bluetooth Switch Box with your iPad/iPod/iPhone:

1. Go to Settings on your iPad/iPhone/iPad Touch

2. Scroll to “General”

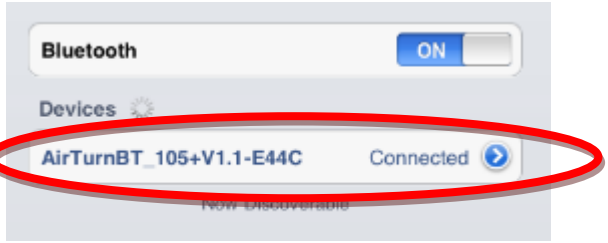
3. Turn Bluetooth “On”



4. Plug in your switch to the switch box
5. Turn on your Switch Box by pressing the red power button and holding for 1 second.

The LED will blink 3 times and attempt to pair with your iPad/iPod/iPhone. The LED will blink orange rapidly while it is connecting. Once connected, it will blink rapidly green and red alternately. Then release.

6. Choose your Device

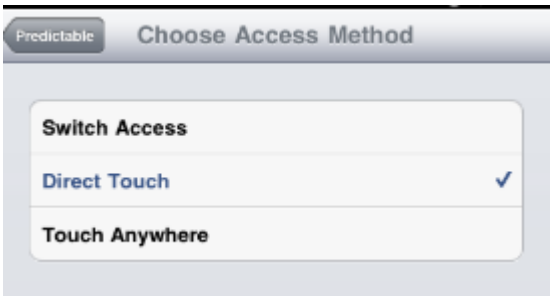


7. Wait for it to find the Device and display “Connected”

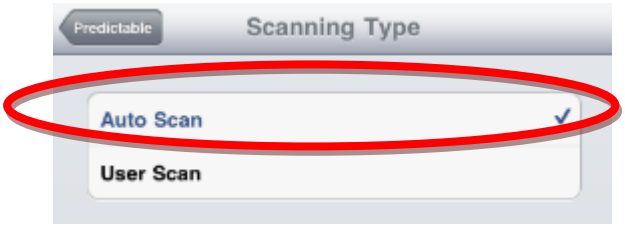
If pairing is unsuccessful, delete the device displayed in the host. Reset and try pairing again. Note, initial discovery may take up to 30 seconds.

To reset pairing (e.g. to set up with a different iPad/iPhone/iPod), press and hold the red button for 8 seconds until it blinks rapidly green and red alternately. Then release.

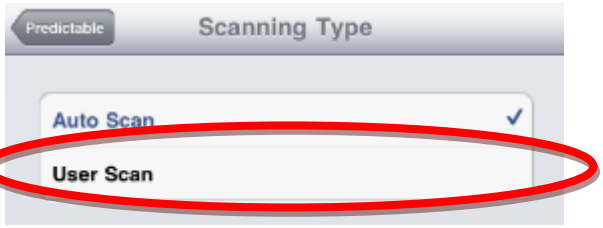
When using switches, you need to check you have chosen the right Access Method.



For single switch use, choose “Auto Scan” and then choose your desired scanning rate; and the number of cycles for scanning.

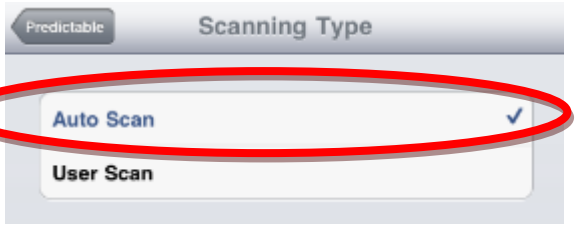


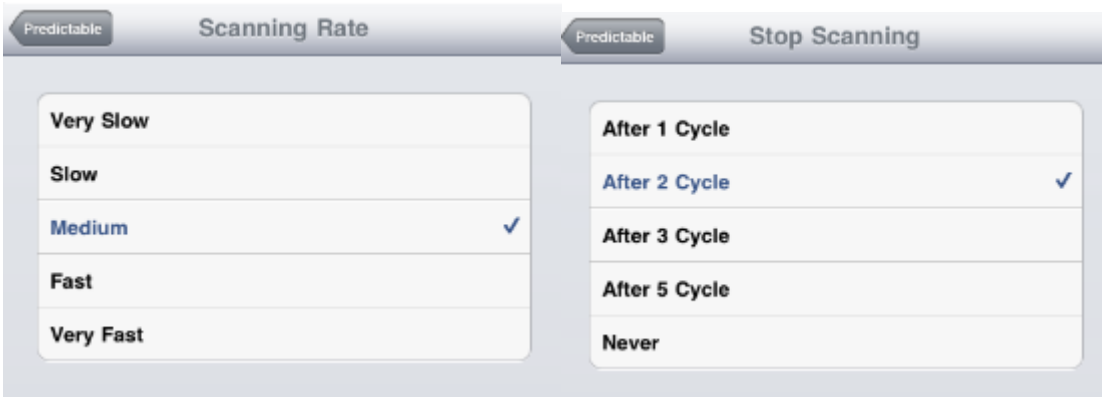
For two switch use, choose “User Scan”.



The scanning rate and number of cycles is not applicable in this situation.

For Touch Anywhere, choose “Auto Scan” and then choose your desired scanning rate; and the number of cycles for scanning.





CHAPTER FIVE
DICTIONARIES

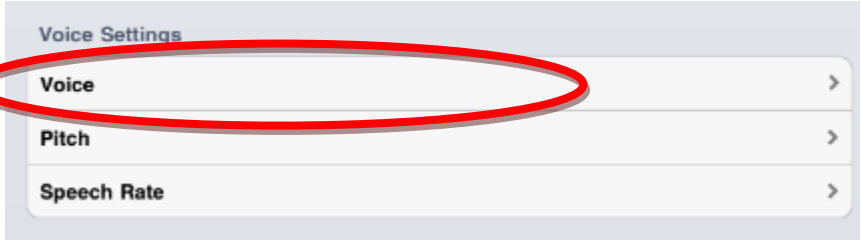
There are two inbuilt dictionaries, UK and US. The differences between them reflect variations in word use and selection. The spelling may not always reflect UK/US spelling rules.

CHAPTER SIX
VOICES

There are nine voices available to use. These are included with the application and do not require further downloads/purchase.
The following voices are available:
<u>Australian</u>
Female – Grace
Male – Alan
<u>American</u>
Female – Allison
Female – Susan
Male – Dave
Male - Dave
<u>British</u>
Female – Kate
Female – Elizabeth
Male – Simon

From within Predictable, go to the Settings icon at the bottom of the page.

Choose “Voices”


Voice Settings
Voice
Pitch
Speech Rate

Select your preferred voice.

CHAPTER SEVEN
COLOUR SCHEMES AND THEMES

From within Predictable, go to the Settings icon at the bottom of the page.

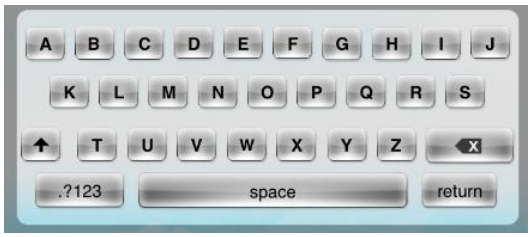
Choose “Themes”. There are eleven themes currently available.

Select a theme. This will act as wallpaper for Predictable.

CHAPTER EIGHT
KEYBOARD LAYOUT

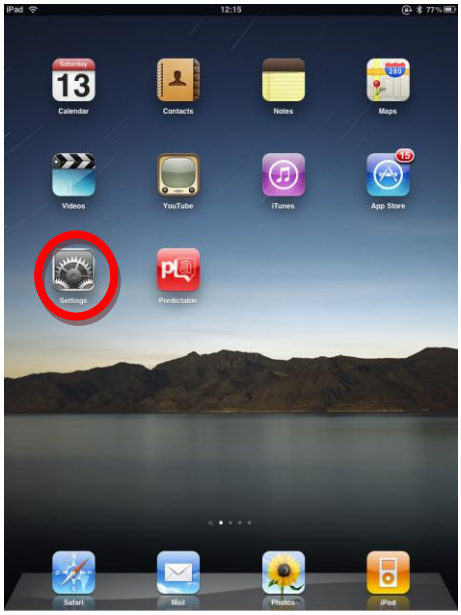
There are three different keyboard options:

1) QWERTY
2) Alphabetical Order
3) High Frequency Layout



To change the layout:

1. Go to Settings on your iPad/iPhone/iPad Touch



2. Scroll down to Predictable

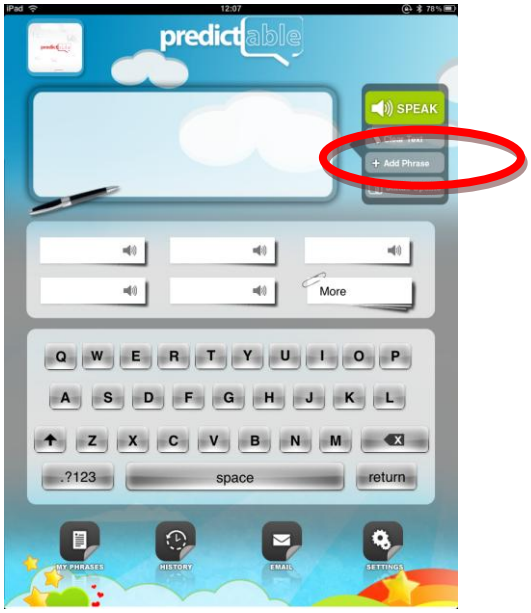
3. Choose “Keyboard Layout”. Select your preferred option.

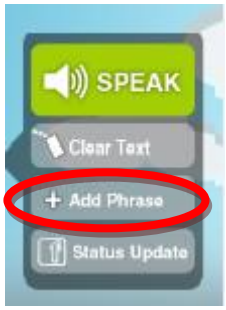
CHAPTER NINE
MY PHRASES

The My Phrases page is designed as a way to store words or phrases that you can access easily and quickly. This might be words or phrases you use frequently or would like easy access to. Predictable comes ready with some example categories and phrases, but the idea is to customise the categories and phrases to suit the person using Predictable. Both the categories and phrases can be allocated a photo/symbol/image if desired.

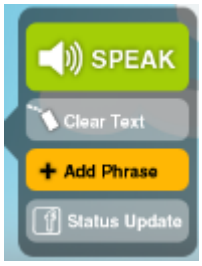
CHAPTER TEN
ADDING A PHRASE

By selecting the Add Phrase button to the right of the message window, it will prompt you to add the phrase to My Phrases.





Add Phrase can be accessed in direct access, touch anywhere and scanning modes. In scanning mode, wait for the scan to include the top line (message window; speak; clear; add phrase); select this space, and then wait for the scan to highlight “add phrase”.



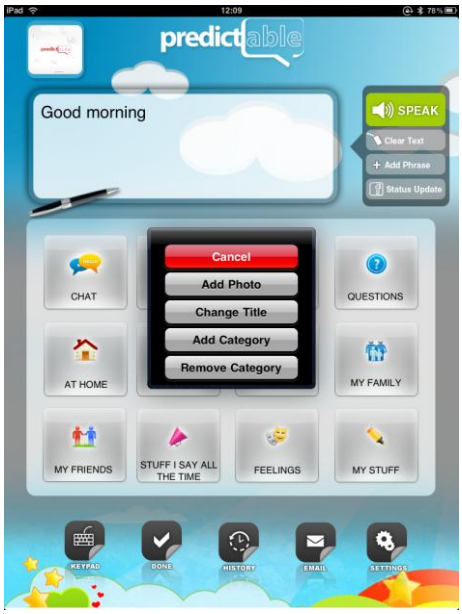
When you choose “Add Phrase” you will be prompted to choose which category you want to add it to (“Select Category”).

The list of categories in My Phrases will then pop up and you can choose the category you want to add it to.

You will be prompted to “Add Photo”.

When you select this, your iPad/iPhone/iPod Touch photo album will appear and you are able to choose the photo you would like to allocate to the phrase.

You can edit the names or photos on the My Phrases category page by tapping “Edit” and then the category you would like to edit.



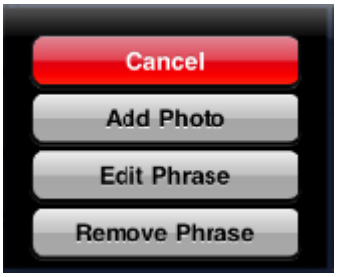
Then you are prompted with three options (cancel; add photo; change title"). You can add a photo, as described above or change the title of the category.

CHAPTER ELEVEN
EDITING PHRASES

When you are in the My Phrases screen:

1. go into edit mode

2. tap any phrase or any free space in the list. It will give you four options (cancel; add photo; edit phrase; remove phrase).



If you choose add photo, your iPad/iPhone/iPod Touch photo album will appear and you are able to choose the photo you would like to allocate to the phrase. If you choose edit phrase, you can re-type the phrase using the message window. This may be useful to adjust for spelling errors or to rephrase. If you want to remove a phrase, you select “remove phrase”.

CHAPTER TWELVE

UPLOADING IMAGE TO AVATAR

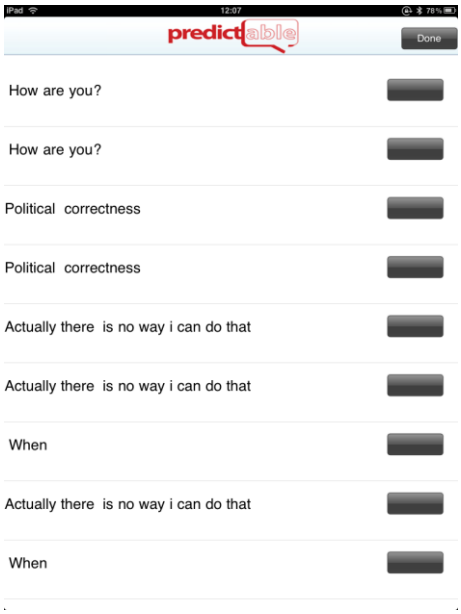
You can personalise your application by including a photo or image.

Tap on the square in the top left corner of the screen.

You photo album will then pop up and you can choose a photo from here. Please note this feature is not currently switch accessible.

CHAPTER THIRTEEN
MY HISTORY

My History pages bring up the most recent phrases or words used.



These are listed in order of most recent first. The list will display the most recent 25 items. You can select which phrase/word you want to speak. This is scannable to use with your switch (or in Touch Anywhere mode). By selecting a phrase it will bring it up to the message window.

CHAPTER FOURTEEN

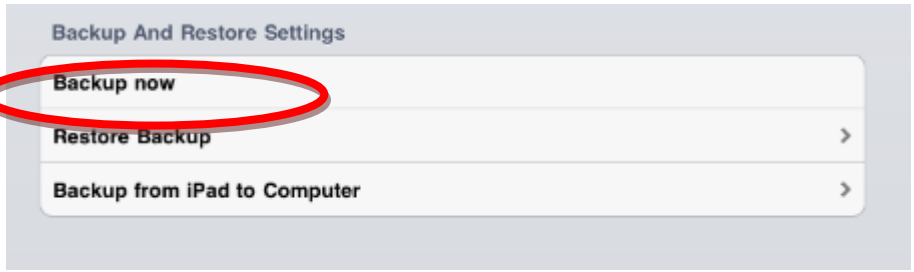
BACK UPS

There are two ways you can back up – backing up directly on your iPad/iPod/iPhone; or backing up to a computer via a Wi-Fi connection.

Backing up on the iDevice:

1. Go to Settings in Predictable

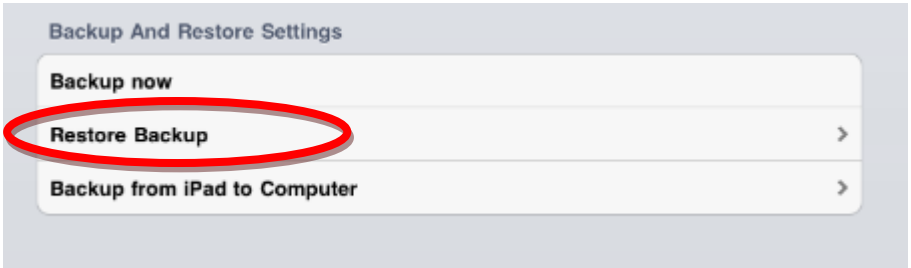
2. Select Backup now



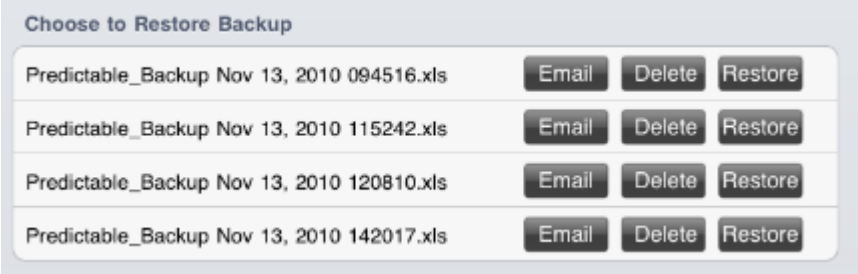
A message will pop up confirming the backup is complete.

You can then restore to a former version, as saved in backups.

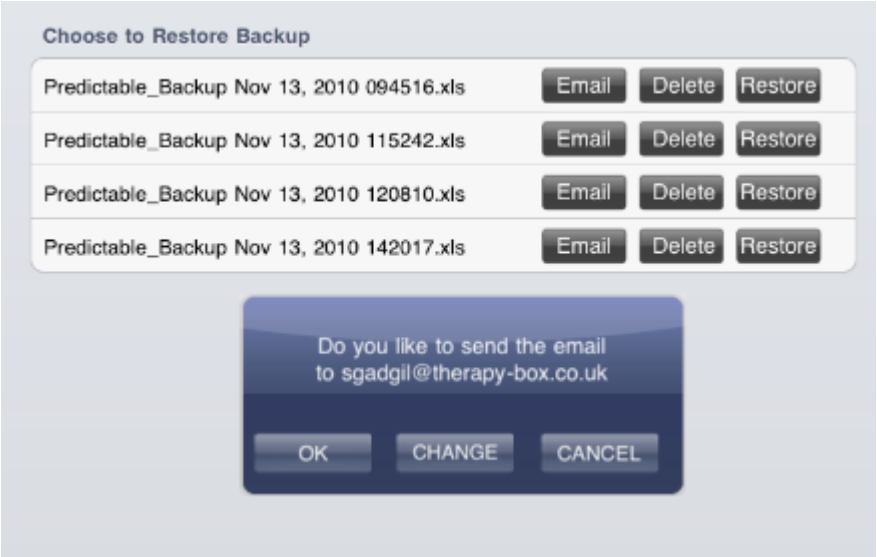
1. Go to Restore Backup



2. Choose a backup to restore to. Note they are date and time listed. You have three options:



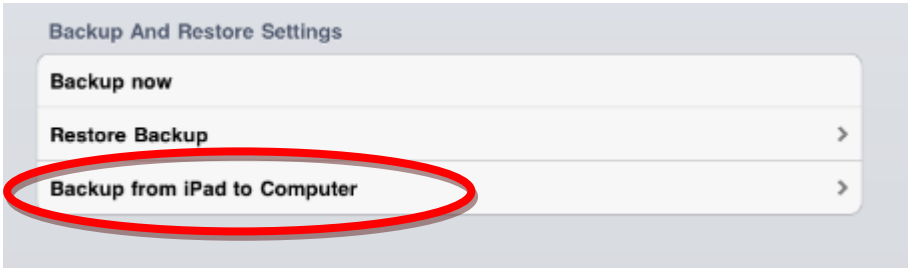
i) email (to either the default "to" email address you've set up or to a different email address)



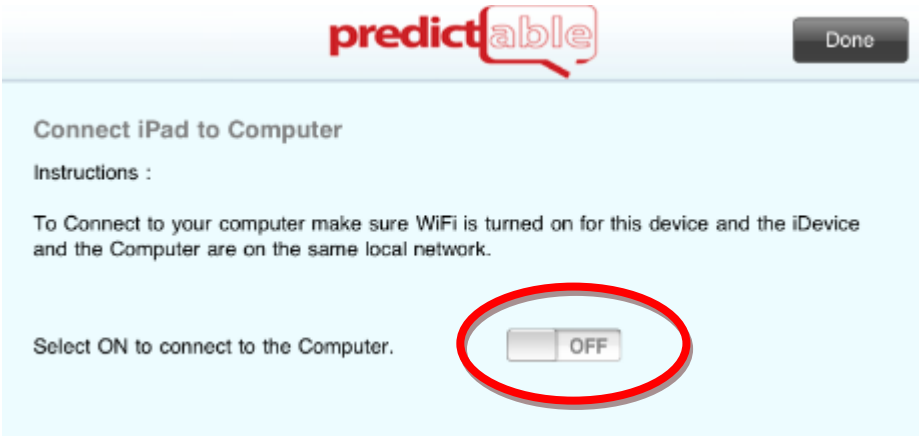
ii) delete

iii) restore

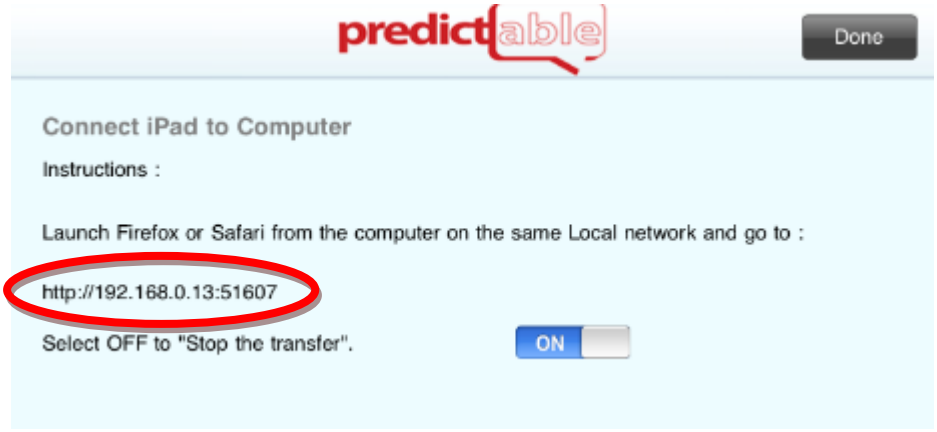
You can also backup from your iPad/iPod/iPhone to your computer. You will need Wi-Fi to do this.



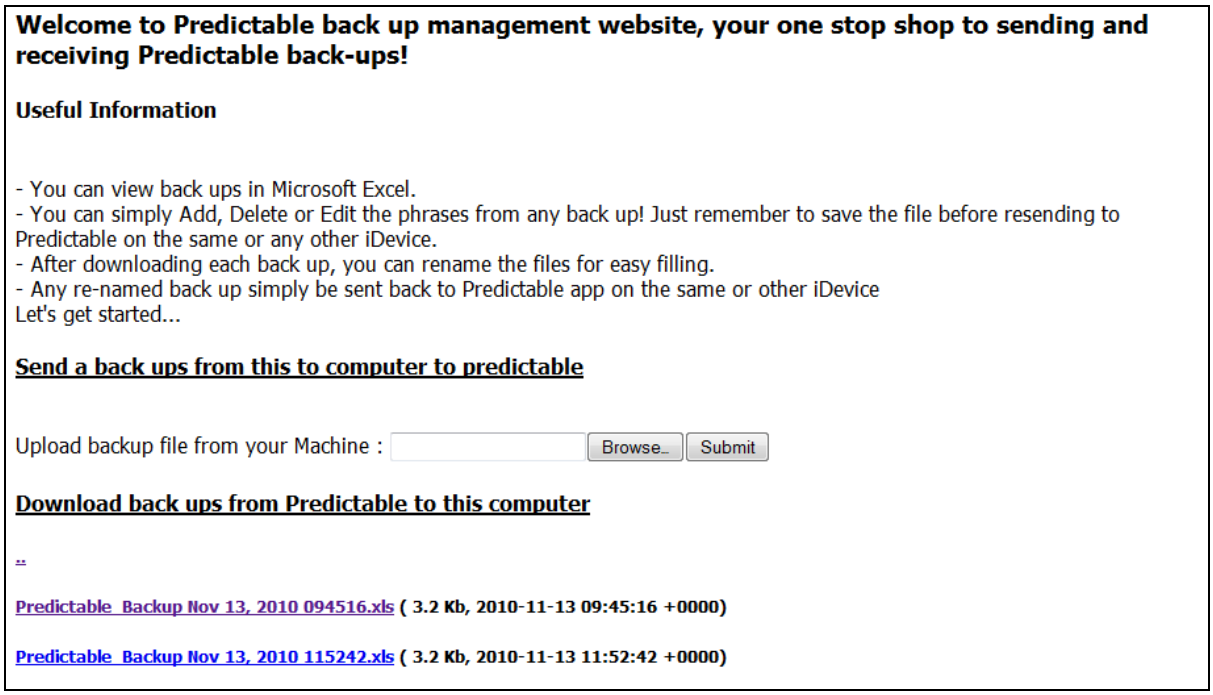
This screen will then appear, and you need to select "on" to connect to the computer. Make sure the computer and the iDevice both have Wi-Fi turned on, and are sharing the same Wi-Fi network.



Then you will be asked to enter a web address into your browser. You can only use Safari or Firefox web browsers. You cannot use Internet Explorer or other web browsers. The web address to enter in your browser will be a string of digits.



The following webpage will then come on screen:



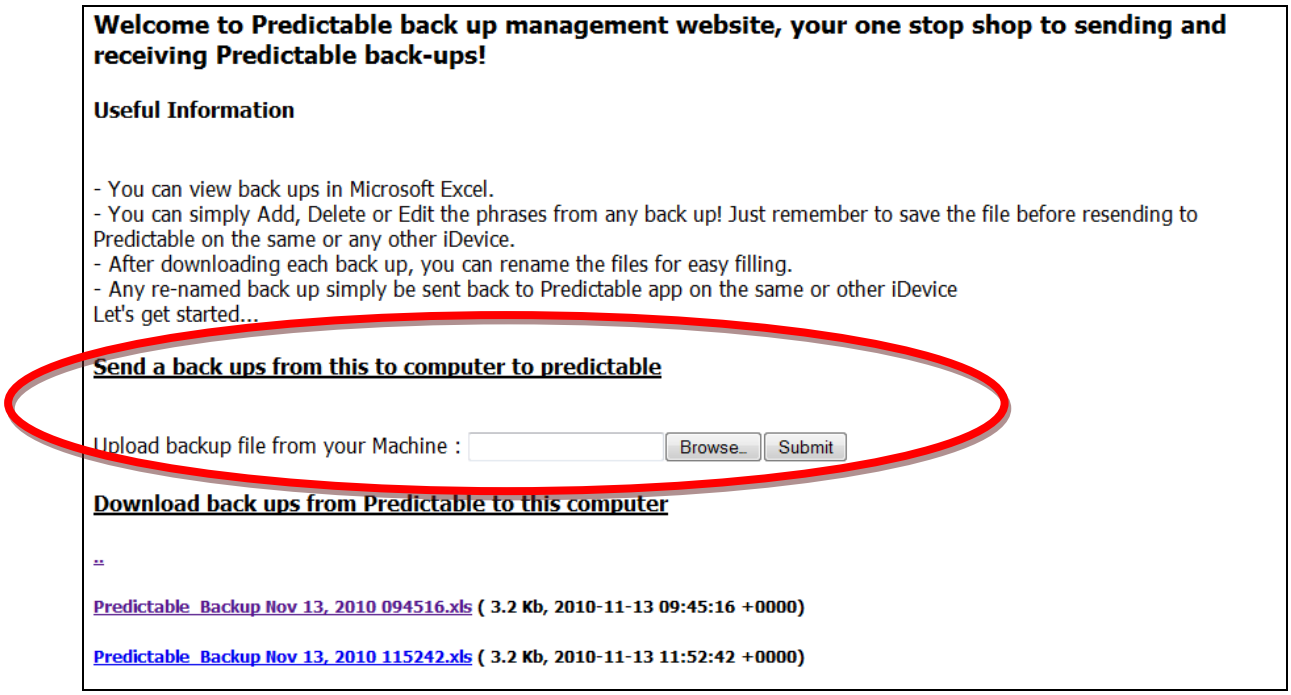
This gives two options:

1) Sending a back up from this computer to Predictable

2) Download a back up from Predictable to this computer

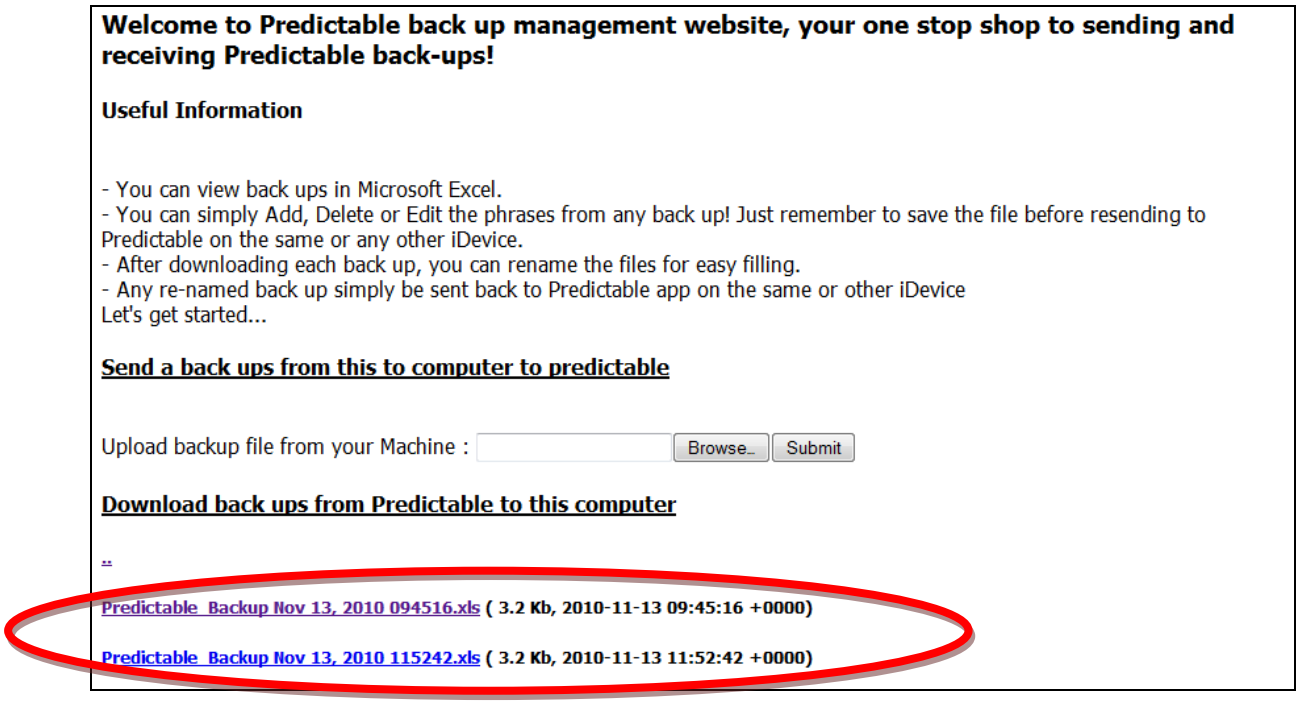
To Send a back up from this computer to Predictable:

1. Upload a backup file already saved on your computer. You can browse for a file. When you find it, select “submit”



To download a back up from Predictable to the computer

1. Click on the backups which you have sent from the iDevice earlier



Welcome to Predictable back up management website, your one stop shop to sending and receiving Predictable back-ups!

Useful Information

- You can view back ups in Microsoft Excel.
- You can simply Add, Delete or Edit the phrases from any back up! Just remember to save the file before resending to Predictable on the same or any other iDevice.
- After downloading each back up, you can rename the files for easy filling.
- Any re-named back up simply be sent back to Predictable app on the same or other iDevice

Let's get started...

Send a back ups from this to computer to predictable

Upload backup file from your Machine : Browse... Submit

Download back ups from Predictable to this computer

..

Predictable_Backup Nov 13, 2010 094516.xls (3.2 Kb, 2010-11-13 09:45:16 +0000)

Predictable_Backup Nov 13, 2010 115242.xls (3.2 Kb, 2010-11-13 11:52:42 +0000)

2. You will be presented with a page which gives you information on settings and the phrases stored in My Phrases. It looks like this. Please note “rowend” indicates an empty category.

Predictable

Settings

Voice Selected	Alan	Change Option are: Alan, Allison, Elizabeth, Grace, Kate, Simon, Steven, Susan	ROWEND
Pitch Rate Selected	Normal	Change Option are: Deepest, Deeper, Deep, Normal, High, Higher, Highest	ROWEND
Speech Rate Selected	Normal	Change Option are:Very Slow, Slow, Normal, Fast, Very Fast	ROWEND

Phrases

CHAT	How are you?	Whats new?	What have you been up to?	See you soon	I am good	Good to see you	ROWEND
HELP	I need help	I am hurting	I am thirsty	I need to go to the toilet	I want to go to bed	ROWEND	
FOOD & DRINK	Coffee with milk please	A cup of tea please	ROWEND				
QUESTIONS	ROWEND						
AT HOME	ROWEND						
OUT & ABOUT	ROWEND						
THINGS I LIKE	ROWEND						
MY FAMILY	ROWEND						
MY FRIENDS	ROWEND						
STUFF I SAY ALL THE TIME	ROWEND						
FEELINGS	ROWEND						
MY STUFF	ROWEND						

CHAPTER FIFTEEN

EMAIL

You can send an email from Predictable. Remember you will need a WiFi or 3G connection to be able to do this.

After typing in your message window the content of the email, you will choose “email” which is in the toolbar at the bottom of the screen.

This is accessible via direct touch or scanning.

You will be then asked if you would like to send the email to the address entered in the settings page, or if you would like to change. To change, you will need to enter the email address.

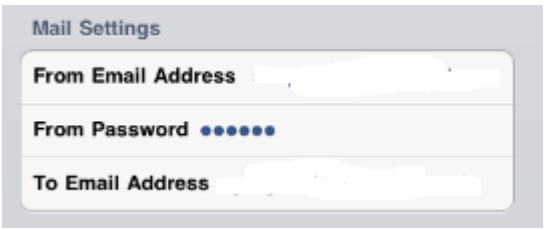
Please note that the Apple keyboard will then pop-up for you to enter the address. This keyboard is not accessible via scanning/touch anywhere, so you may require assistance to do this.
After clicking “ok” the email will be sent.

To set up the email system, you need to:

1. Go to Settings on your iPad/iPhone/iPad Touch

2. Scroll down to Predictable

3. Go to Mail Settings. Enter a “from” email address with the password that works for that address. You can also enter an email address that you want to set as a default email to send emails to.



17. Updating your Facebook status.

    Please note that updating your Facebook status is only possible in direct access mode. It is not currently available in switch or scanning modes. You will be asked to login with your Facebook user name and password.

18. Sending an SMS

SMS can only be sent from the iPhone. From the settings menu at the bottom of the page, select the SMS option. Any message you had just created (and not deleted) in the message window will then transfer to the content of your SMS. Now you can enter the name from your Contacts on your iPhone or enter the telephone number and select Send.

Please note that while it is possible to create the original message via scanning or switch mode, it is not possible to send the SMS via scanning or switch.

CHAPTER SIZTEEN

Comparison table

Features	iPod Touch	iPhone	iPad
SMS	No	Yes in direct access only	No
Facebook Status Update	Yes with Wifi in direct access only	Yes with Wifi or 3G in direct access only	Yes with Wifi in direct access only
Email	Yes with Wifi in all access modes	Yes with Wifi or 3G in all access modes	Yes with Wifi in all access modes